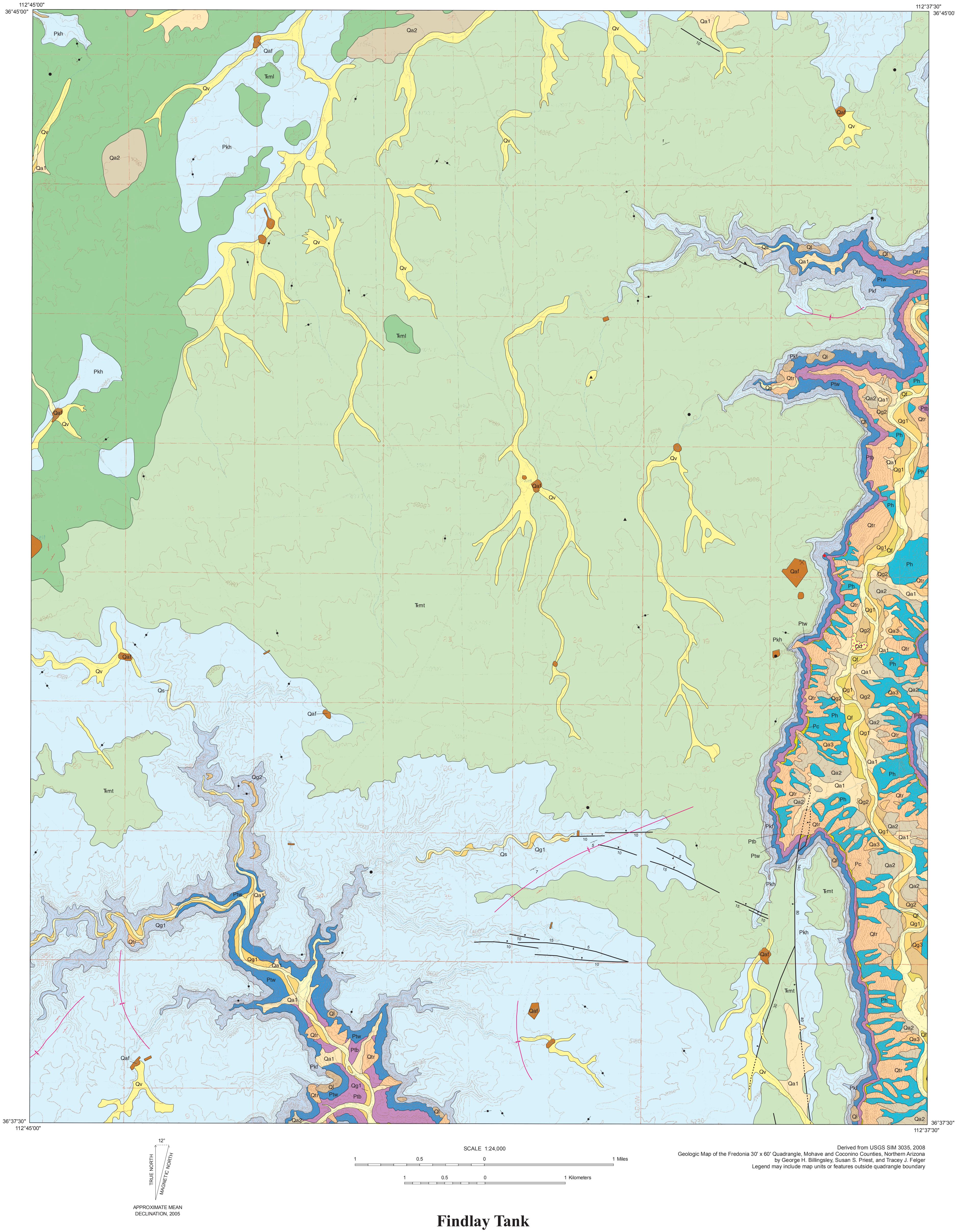




U.S. Department of the Interior
U.S. Geological Survey

Scientific Investigations Map 3035



LIST OF MAP UNITS

SURFICIAL DEPOSITS

- Qaf Artificial fill and quarries
- Qs Stream-channel deposits
- Qr Flood-plain deposits
- Qd Dune sand and sand sheet deposits
- Qes Eolian sand sheet deposits
- Qc Colluvial deposits
- Qv Valley-fill deposits
- Qtr Talus and rock fall deposits
- Qg1 Young terrace-gravel deposits
- Qa1 Young alluvial fan deposits
- Qg2 Intermediate terrace-gravel deposits
- Qa2 Intermediate alluvial fan deposits
- Ql Landslide deposits
- Qg3 Old terrace-gravel deposits
- Qa3 Old alluvial fan deposits
- QTg Terrace-gravel deposits

VOLCANIC ROCKS

SEDIMENTARY ROCKS

- Tm1l Moenkopi Formation, lower red member
- Tm1t Moenkopi Formation, Timpoweap Member
- Pkh Kaibab Formation, Harrisburg Member
- Pkf Kaibab Formation, Fossil Mountain Member
- Ptw Toroweap Formation, Woods Ranch Member
- Ptb Toroweap Formation, Brady Canyon Member
- Pc Coconino Sandstone
- Ph Hermit Formation
- Pe Supai Group, Esplanade Sandstone

EXPLANATION

- Contact certain
- Fault certain; number is estimated offset in feet
- Fault concealed
- Fault inferred
- Syncline; dotted where concealed; arrows where plunging
- Monocline; dotted where concealed
- Strike and dip of beds
- Implied bedding
- Strike of vertical and subvertical joints
- Breccia pipe
- Collapse structure
- Sinkhole
- Mine; CU-copper, U-uranium